



Eastern Research Group
601 Keystone Park Drive
Suite 700
Morrisville, NC 27560

January 09, 2019

Ms. Doris Chen & Lewis Weinstock
U.S. Environmental Protection Agency - OAQPS
109 T.W. Alexander Drive, Mail Code: C304-06
RTP, NC 27709
Project Name: EtO Region 5

Dear Ms. Doris Chen & Lewis Weinstock,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 12/11/18 12:48 through 12/28/18 10:34.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift
Program Manager
julie.swift@erg.com

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify julie.swift@erg.com and delete the report without retaining any copies.



CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
WB Warehouse C1	8121130-01	Air	12/07/18 09:15	12/11/18 12:48
WB Warehouse C2	8121130-02	Air	12/07/18 09:19	12/11/18 12:48
Willow Pond Park	8121130-03	Air	12/07/18 10:21	12/11/18 12:48
WB Village Hall	8121130-04	Air	12/07/18 09:33	12/11/18 12:48
Water Tower	8121130-05	Air	12/07/18 10:05	12/11/18 12:48
West Neighborhood	8121130-06	Air	12/07/18 11:04	12/11/18 12:48
Gower MS	8121130-07	Air	12/07/18 09:51	12/11/18 12:48
Hinsdale South HS	8121130-08	Air	12/07/18 10:34	12/11/18 12:48
Gower ES	8121130-09	Air	12/07/18 10:50	12/11/18 12:48
Trip Blank	8121130-10	Air	12/06/18 00:00	12/11/18 12:48
WB Warehouse	8121130-11	Air	12/08/18 09:03	12/11/18 12:48
WB Village Hall C1	8121130-12	Air	12/08/18 09:10	12/11/18 12:48
WB Village Hall C2	8121130-13	Air	12/08/18 09:12	12/11/18 12:48
Willow Pond Park	8121130-14	Air	12/08/18 09:55	12/11/18 12:48
Gower MS	8121130-15	Air	12/08/18 09:20	12/11/18 12:48
West Neighborhood	8121130-16	Air	12/08/18 10:38	12/11/18 12:48
Gower ES	8121130-17	Air	12/08/18 10:26	12/11/18 12:48
Water Tower	8121130-18	Air	12/08/18 09:39	12/11/18 12:48
Hinsdale South HS	8121130-19	Air	12/08/18 10:09	12/11/18 12:48
Gower ES	8121220-01	Air	12/11/18 09:53	12/12/18 11:15
WB Village Hall	8121220-02	Air	12/11/18 08:57	12/12/18 11:15
West Neighborhood	8121220-03	Air	12/11/18 09:58	12/12/18 11:15
Willow Pond Park	8121220-04	Air	12/11/18 09:22	12/12/18 11:15

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Watertower	8121220-05	Air	12/11/18 09:14	12/12/18 11:15
Hinsdale South HS	8121220-06	Air	12/11/18 09:46	12/12/18 11:15
Gower MS	8121220-07	Air	12/11/18 09:05	12/12/18 11:15
WB Warehouse C1	8121220-08	Air	12/11/18 08:52	12/12/18 11:15
WB Warehouse C2	8121220-09	Air	12/11/18 08:50	12/12/18 11:15
Willow Pond Park	8121821-01	Air	12/14/18 10:12	12/18/18 11:23
Trip Blank	8121821-02	Air	12/14/18 00:00	12/18/18 11:23
WB Village Hall C1	8121821-03	Air	12/14/18 09:37	12/18/18 11:23
WB Village Hall C2	8121821-04	Air	12/14/18 09:37	12/18/18 11:23
Gower MS	8121821-05	Air	12/14/18 09:50	12/18/18 11:23
Hindale South HS	8121821-06	Air	12/14/18 10:23	12/18/18 11:23
Water Tower	8121821-07	Air	12/14/18 10:03	12/18/18 11:23
EPA WB Warehouse	8121821-08	Air	12/14/18 09:29	12/18/18 11:23
West Neighborhood	8121821-09	Air	12/14/18 10:45	12/18/18 11:23
EPA WB Warehouse C1	8121821-10	Air	12/17/18 09:16	12/18/18 11:23
Gower ES	8121821-11	Air	12/14/18 10:33	12/18/18 11:23
Hinsdale South HS	8121821-12	Air	12/17/18 09:57	12/18/18 11:23
Water Tower	8121821-13	Air	12/17/18 09:33	12/18/18 11:23
Willow Pond Park	8121821-14	Air	12/17/18 09:39	12/18/18 11:23
Gower ES	8121821-15	Air	12/17/18 10:04	12/18/18 11:23
WB Village Hall	8121821-16	Air	12/17/18 09:22	12/18/18 11:23
EPA WB Warehouse C2	8121821-17	Air	12/17/18 09:17	12/18/18 11:23
West Neighborhood	8121821-18	Air	12/17/18 10:16	12/18/18 11:23
Gower MS	8121821-19	Air	12/17/18 09:28	12/18/18 11:23
WB Village Hall C2	8122101-01	Air	12/20/18 09:17	12/21/18 10:33
Water Tower	8122101-02	Air	12/20/18 09:36	12/21/18 10:33

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AQS SITE CODE:

SITE CODE: EtO Region 5

WB Warehouse	8122101-03	Air	12/20/18 09:07	12/21/18 10:33
Gower ES	8122101-04	Air	12/20/18 10:00	12/21/18 10:33
Willow Pond Park	8122101-05	Air	12/20/18 09:44	12/21/18 10:33
Gower MS	8122101-06	Air	12/20/18 09:26	12/21/18 10:33
WB Village Hall C1	8122101-07	Air	12/20/18 09:26	12/21/18 10:33
West Neighborhood	8122101-08	Air	12/20/18 10:14	12/21/18 10:33
Hinsdale South HS	8122101-09	Air	12/20/18 09:52	12/21/18 10:33
Hindale South HS	8122701-01	Air	12/23/18 10:03	12/27/18 09:25
Gower MS	8122701-02	Air	12/23/18 09:11	12/27/18 09:25
EPA WB Warehouse C1	8122701-03	Air	12/23/18 08:58	12/27/18 09:25
EPA WB Warehouse C2	8122701-04	Air	12/23/18 08:57	12/27/18 09:25
Gower ES	8122701-05	Air	12/23/18 10:18	12/27/18 09:25
Willow Pond Park	8122701-06	Air	12/23/18 09:46	12/27/18 09:25
Water Tower	8122701-07	Air	12/23/18 09:17	12/27/18 09:25
West Neighborhood	8122701-08	Air	12/23/18 10:27	12/27/18 09:25
WB Village Hall	8122701-09	Air	12/23/18 09:27	12/27/18 09:25
Gower ES	8122801-01	Air	12/27/18 11:00	12/28/18 10:34
Hinsdale South HS	8122801-02	Air	12/27/18 10:52	12/28/18 10:34
Water Tower	8122801-03	Air	12/27/18 10:22	12/28/18 10:34
Gower MS	8122801-04	Air	12/27/18 10:16	12/28/18 10:34
West Neighborhood	8122801-05	Air	12/27/18 11:07	12/28/18 10:34
EPA WB Warehouse	8122801-06	Air	12/27/18 10:02	12/28/18 10:34
Willow Pond Park	8122801-07	Air	12/27/18 10:27	12/28/18 10:34
WB Village Hall C1	8122801-08	Air	12/27/18 10:07	12/28/18 10:34
WB Village Hall C2	8122801-09	Air	12/27/18 10:07	12/28/18 10:34

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C1

Lab ID: 8121130-01

Sampled: 12/07/18 09:15

Pressure @ Receipt: 2.00" Hg

Canister #: 183

Received: 12/11/18 12:48

Comments: Col 1 Start 09:20 12/06/18 Probe #10314

Analyzed: 12/27/18 04:56

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	6.48	11.70		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C2

Lab ID: 8121130-02

Sampled: 12/07/18 09:19

Pressure @ Receipt: 2.00" Hg

Canister #: 711

Received: 12/11/18 12:48

Comments: Col 2 Start 09:21 12/06/18 Probe #10315

Analyzed: 12/27/18 05:58

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	5.81	10.50		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8121130-03

Sampled: 12/07/18 10:21

Pressure @ Receipt: 1.4" Hg

Canister #: 707

Received: 12/11/18 12:48

Comments: Probe # 10294 Start 10:05 12/06/18

Analyzed: 12/27/18 09:05

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 8121130-04

Sampled: 12/07/18 09:33

Pressure @ Receipt: 1.5" Hg

Canister #: 171

Received: 12/11/18 12:48

Comments: Start 09:31 12/06/18 Probe #10313

Analyzed: 12/27/18 10:07

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.98	5.38		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8121130-05

Sampled: 12/07/18 10:05

Pressure @ Receipt: 2.00" Hg

Canister #: SAT059

Received: 12/11/18 12:48

Comments: Probe # 10312 Start 09:54 12/06/18

Analyzed: 12/27/18 19:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.215	0.39		0.0453

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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8121130-06

Sampled: 12/07/18 11:04

Pressure @ Receipt: 0.9" Hg

Canister #: A21119

Received: 12/11/18 12:48

Comments: Probe # 10310 Start 10:36 12/06/18

Analyzed: 12/27/18 20:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8121130-07

Sampled: 12/07/18 09:51

Pressure @ Receipt: 1.3" Hg

Canister #: 077

Received: 12/11/18 12:48

Comments: Start 09:42 12/06/18 Probe #10311

Analyzed: 12/27/18 21:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.335	0.61		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 8121130-08

Sampled: 12/07/18 10:34

Pressure @ Receipt: 4.00" Hg

Canister #: 5076

Received: 12/11/18 12:48

Comments: Start 10:15 12/06/18 Probe #10076

Analyzed: 12/27/18 22:39

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.269	0.49		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8121130-09

Sampled: 12/07/18 10:50

Pressure @ Receipt: 1.8" Hg

Canister #: 775

Received: 12/11/18 12:48

Comments: Probe # 10293 Start 10:26 12/06/18

Analyzed: 12/27/18 23:41

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Trip Blank

Lab ID: 8121130-10

Sampled: 12/06/18 00:00

Pressure @ Receipt: 30" Hg

Canister #: A22228

Received: 12/11/18 12:48

Comments:

Analyzed: 12/28/18 00:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0775	0.14	A-01	0.0453



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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse

Lab ID: 8121130-11

Sampled: 12/08/18 09:03

Pressure @ Receipt: 1.00 psi

Canister #: A21012

Received: 12/11/18 12:48

Comments: Start 09:23 12/07/18 Probe #10314

Analyzed: 12/28/18 01:44

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.25	2.26		0.0453



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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 8121130-12

Sampled: 12/08/18 09:10

Pressure @ Receipt: 2.00" Hg

Canister #: 19284

Received: 12/11/18 12:48

Comments: Col 1 Probe # 10313 Start 09:39 12/07/18

Analyzed: 12/28/18 02:46

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.408	0.74		0.0453

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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 8121130-13

Sampled: 12/08/18 09:12

Pressure @ Receipt: 3.00" Hg

Canister #: SAT101

Received: 12/11/18 12:48

Comments: Col 2 Probe # 10315 Start 09:39 12/07/18

Analyzed: 12/28/18 03:48

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.455	0.82		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8121130-14

Sampled: 12/08/18 09:55

Pressure @ Receipt: 3.00" Hg

Canister #: A21033

Received: 12/11/18 12:48

Comments: Probe # 10294 Start 10:23 12/07/18

Analyzed: 12/26/18 14:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.223	0.40		0.0453



CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8121130-15

Sampled: 12/08/18 09:20

Pressure @ Receipt: 2.1" Hg

Canister #: 18870

Received: 12/11/18 12:48

Comments: Start 09:54 12/07/18 Probe #10311

Analyzed: 12/26/18 15:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8121130-16

Sampled: 12/08/18 10:38

Pressure @ Receipt: 3.00" Hg

Canister #: 19661

Received: 12/11/18 12:48

Comments: Probe # 10310 Start 11:06 12/07/18

Analyzed: 12/26/18 16:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8121130-17

Sampled: 12/08/18 10:26

Pressure @ Receipt: 3.00" Hg

Canister #: 0044

Received: 12/11/18 12:48

Comments: Probe # 10293 Start 10:53 12/07/18

Analyzed: 12/26/18 17:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8121130-18

Sampled: 12/08/18 09:39

Pressure @ Receipt: 3.50" Hg

Canister #: 5067

Received: 12/11/18 12:48

Comments: Probe # 10312 Start 10:09 12/07/18

Analyzed: 12/26/18 18:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.151	0.27		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 8121130-19

Sampled: 12/08/18 10:09

Pressure @ Receipt: 4.50" Hg

Canister #: 19283

Received: 12/11/18 12:48

Comments: Start 10:38 12/07/18 Probe #10076

Analyzed: 12/26/18 19:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8121220-01

Sampled: 12/11/18 09:53

Pressure @ Receipt: 4.5" Hg

Canister #: A21022

Received: 12/12/18 11:15

Comments: Probe # 10293 Start 10:42 12/10/18

Analyzed: 12/22/18 03:49

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 8121220-02

Sampled: 12/11/18 08:57

Pressure @ Receipt: 3.5" Hg

Canister #: 5029

Received: 12/12/18 11:15

Comments: Probe #10313 Start 09:43 12/10/18

Analyzed: 12/22/18 04:49

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8121220-03

Sampled: 12/11/18 09:58

Pressure @ Receipt: 4.0" Hg

Canister #: A21077

Received: 12/12/18 11:15

Comments: Probe # 10310 Start 10:53 12/10/18

Analyzed: 12/22/18 05:51

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.118	0.21		0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8121220-04

Sampled: 12/11/18 09:22

Pressure @ Receipt: 4.0" Hg

Canister #: 555

Received: 12/12/18 11:15

Comments: Probe # 10294 Start 10:18 12/10/18

Analyzed: 12/26/18 20:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Watertower

Lab ID: 8121220-05

Sampled: 12/11/18 09:14

Pressure @ Receipt: 3.50" Hg

Canister #: SAT137

Received: 12/12/18 11:15

Comments: Probe #10312 Start 10:07 12/10/18

Analyzed: 12/26/18 21:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.137	0.25		0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 8121220-06

Sampled: 12/11/18 09:46

Pressure @ Receipt: 5.00" Hg

Canister #: SAT020

Received: 12/12/18 11:15

Comments: Probe #10076 Start 10:30 12/10/18

Analyzed: 12/26/18 22:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.118	0.21		0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8121220-07

Sampled: 12/11/18 09:05

Pressure @ Receipt: 3.0" Hg

Canister #: 050

Received: 12/12/18 11:15

Comments: Probe #10311 Start 09:55 12/10/18

Analyzed: 12/26/18 23:45

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C1

Lab ID: 8121220-08

Sampled: 12/11/18 08:52

Pressure @ Receipt: 4.00" Hg

Canister #: 5043

Received: 12/12/18 11:15

Comments: Col 1 Probe #10314 Start 09:32 12/10/18

Analyzed: 12/27/18 00:47

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.149	0.27		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C2

Lab ID: 8121220-09

Sampled: 12/11/18 08:50

Pressure @ Receipt: 4.00" Hg

Canister #: SAT084

Received: 12/12/18 11:15

Comments: Col 2 Start 09:32 12/10/18 Probe #10315

Analyzed: 12/27/18 01:50

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.223	0.40		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8121821-01

Sampled: 12/14/18 10:12

Pressure @ Receipt: 4.50" Hg

Canister #: 5080

Received: 12/18/18 11:23

Comments: Probe # 10294 Start 10:30 12/13/18

Analyzed: 12/28/18 06:53

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.202	0.37		0.0453



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FILE #: 0344.00

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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Trip Blank

Lab ID: 8121821-02

Sampled: 12/14/18 00:00

Pressure @ Receipt: 30" Hg

Canister #: SAT003

Received: 12/18/18 11:23

Comments: Willow Brook

Analyzed: 12/28/18 07:54

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 8121821-03

Sampled: 12/14/18 09:37

Pressure @ Receipt: 2.50" Hg

Canister #: SAT002

Received: 12/18/18 11:23

Comments: Col 1 Probe # 10313 Start 09:43 12/13/18

Analyzed: 12/28/18 15:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.13	2.04		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 8121821-04

Sampled: 12/14/18 09:37

Pressure @ Receipt: 4.00" Hg

Canister #: SAT085

Received: 12/18/18 11:23

Comments: Col 2 Probe # 10315 Start 09:43 12/13/18

Analyzed: 12/28/18 16:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.18	2.13		0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8121821-05

Sampled: 12/14/18 09:50

Pressure @ Receipt: 2.50" Hg

Canister #: SAT057

Received: 12/18/18 11:23

Comments: Probe #10311 Start 09:54 12/13/18

Analyzed: 12/28/18 19:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.141	0.26		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hindale South HS

Lab ID: 8121821-06

Sampled: 12/14/18 10:23

Pressure @ Receipt: 5.50" Hg

Canister #: SAT089

Received: 12/18/18 11:23

Comments: Probe # 10076 Start 10:44 12/13/18

Analyzed: 12/28/18 20:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.135	0.24		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8121821-07

Sampled: 12/14/18 10:03

Pressure @ Receipt: 3.50" Hg

Canister #: A21042

Received: 12/18/18 11:23

Comments: Probe # 10312 Start 10:14 12/13/18

Analyzed: 12/28/18 21:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: EPA WB Warehouse

Lab ID: 8121821-08

Sampled: 12/14/18 09:29

Pressure @ Receipt: 2.50" Hg

Canister #: SAT092

Received: 12/18/18 11:23

Comments: Probe # 10314 Start 09:22 12/13/18

Analyzed: 01/02/19 20:39

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.241	0.44		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8121821-09

Sampled: 12/14/18 10:45

Pressure @ Receipt: 4.0" Hg

Canister #: SAT114

Received: 12/18/18 11:23

Comments: Probe # 10310 Start 11:10 12/13/18

Analyzed: 01/02/19 21:41

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.589	1.06		0.0453



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RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: EPA WB Warehouse C1

Lab ID: 8121821-10

Sampled: 12/17/18 09:16

Pressure @ Receipt: 4.00" Hg

Canister #: 19278

Received: 12/18/18 11:23

Comments: Col 1 Probe # 10314 Start 09:46 12/16/18

Analyzed: 01/02/19 22:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.17	2.11		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8121821-11

Sampled: 12/14/18 10:33

Pressure @ Receipt: 4.5" Hg

Canister #: A21102

Received: 12/18/18 11:23

Comments: Probe # 10293 Start 10:59 12/13/18

Analyzed: 01/03/19 02:44

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.222	0.40		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 8121821-12

Sampled: 12/17/18 09:57

Pressure @ Receipt: 6.00" Hg

Canister #: SAT069

Received: 12/18/18 11:23

Comments: Probe #10076 Start 10:52 12/16/18

Analyzed: 01/03/19 03:46

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.283	0.51		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8121821-13

Sampled: 12/17/18 09:33

Pressure @ Receipt: 4.00" Hg

Canister #: SAT161

Received: 12/18/18 11:23

Comments: Probe # 10312 Start 10:20 12/16/18

Analyzed: 01/03/19 04:48

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.296	0.53		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8121821-14

Sampled: 12/17/18 09:39

Pressure @ Receipt: 4.50" Hg

Canister #: 19294

Received: 12/18/18 11:23

Comments: Probe # 10294 Start 10:32 12/16/18

Analyzed: 01/03/19 05:50

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.185	0.33		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8121821-15

Sampled: 12/17/18 10:04

Pressure @ Receipt: 6.00" Hg

Canister #: 5103

Received: 12/18/18 11:23

Comments: Probe # 10293 Start 11:04 12/16/18

Analyzed: 01/03/19 06:49

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.405	0.73		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 8121821-16

Sampled: 12/17/18 09:22

Pressure @ Receipt: 3.00" Hg

Canister #: A21100

Received: 12/18/18 11:23

Comments: Probe #10313 Start 09:59 12/16/18

Analyzed: 01/03/19 07:49

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.482	0.87		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: EPA WB Warehouse C2

Lab ID: 8121821-17

Sampled: 12/17/18 09:17

Pressure @ Receipt: 4.50" Hg

Canister #: SAT044

Received: 12/18/18 11:23

Comments: Col 2 Probe # 10315 Start 09:48 12/16/18

Analyzed: 01/02/19 23:44

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.21	2.18		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8121821-18

Sampled: 12/17/18 10:16

Pressure @ Receipt: 4.50" Hg

Canister #: 18819

Received: 12/18/18 11:23

Comments: Probe # 10310 Start 11:14 12/16/18

Analyzed: 01/03/19 08:48

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.334	0.60		0.0453

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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8121821-19

Sampled: 12/17/18 09:28

Pressure @ Receipt: 4.00" Hg

Canister #: 18818

Received: 12/18/18 11:23

Comments: Probe #10311 Start 10:09 12/16/18

Analyzed: 01/03/19 09:59

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.328	0.59		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 8122101-01

Sampled: 12/20/18 09:17

Pressure @ Receipt: 3.50" Hg

Canister #: SAT153

Received: 12/21/18 10:33

Comments: Col 2 Probe #10315 Start 09:29 12/19/18

Analyzed: 01/03/19 15:25

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.187	0.34		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8122101-02

Sampled: 12/20/18 09:36

Pressure @ Receipt: 4.00" Hg

Canister #: SAT109

Received: 12/21/18 10:33

Comments: Probe # 10312 Start 10:04 12/19/18

Analyzed: 01/03/19 18:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.925	1.67		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse

Lab ID: 8122101-03

Sampled: 12/20/18 09:07

Pressure @ Receipt: 4" Hg

Canister #: 5024

Received: 12/21/18 10:33

Comments: Start 09:17 12/19/18 Probe #10314

Analyzed: 01/03/19 19:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.191	0.35		0.0453

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FILE #: 0344.00

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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8122101-04

Sampled: 12/20/18 10:00

Pressure @ Receipt: 4.5" Hg

Canister #: 096

Received: 12/21/18 10:33

Comments: Probe # 10293 Start 10:52 12/19/18

Analyzed: 01/03/19 20:26

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.172	0.31		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8122101-05

Sampled: 12/20/18 09:44

Pressure @ Receipt: 4.00" Hg

Canister #: 19292

Received: 12/21/18 10:33

Comments: Probe # 10294 Start 10:18 12/19/18

Analyzed: 01/03/19 21:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.302	0.55		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8122101-06

Sampled: 12/20/18 09:26

Pressure @ Receipt: 3.50" Hg

Canister #: A21006

Received: 12/21/18 10:33

Comments: Probe #10311 Start 09:50 12/19/18

Analyzed: 01/03/19 22:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.199	0.36		0.0453



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FILE #: 0344.00

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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 8122101-07

Sampled: 12/20/18 09:26

Pressure @ Receipt: 3.50" Hg

Canister #: 5021

Received: 12/21/18 10:33

Comments: Col 1 Probe # 10313 Start 09:159 12/19/18

Analyzed: 01/03/19 14:22

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.288	0.52		0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8122101-08

Sampled: 12/20/18 10:14

Pressure @ Receipt: 4.0" Hg

Canister #: 18810

Received: 12/21/18 10:33

Comments: Probe # 10310 Start 11:03 12/19/18

Analyzed: 01/03/19 23:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 8122101-09

Sampled: 12/20/18 09:52

Pressure @ Receipt: 5.50" Hg

Canister #: A21052

Received: 12/21/18 10:33

Comments: Probe #10076 Start 10:35 12/19/18

Analyzed: 01/04/19 00:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.148	0.27		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hindale South HS

Lab ID: 8122701-01

Sampled: 12/23/18 10:03

Pressure @ Receipt: 6.00" Hg

Canister #: SAT123

Received: 12/27/18 09:25

Comments: Probe # 10076 Start 10:17 12/22/18

Analyzed: 01/04/19 01:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.208	0.38		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8122701-02

Sampled: 12/23/18 09:11

Pressure @ Receipt: 5.50" Hg

Canister #: 5065

Received: 12/27/18 09:25

Comments: Probe #10311 Start 09:31 12/22/18

Analyzed: 01/04/19 02:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.289	0.52		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: EPA WB Warehouse C1

Lab ID: 8122701-03

Sampled: 12/23/18 08:58

Pressure @ Receipt: 3.50" Hg

Canister #: SAT135

Received: 12/27/18 09:25

Comments: Col 1 Probe # 10314 Start 08:57 12/22/18

Analyzed: 01/04/19 03:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.71	3.09		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: EPA WB Warehouse C2

Lab ID: 8122701-04

Sampled: 12/23/18 08:57

Pressure @ Receipt: 5.50" Hg

Canister #: 5085

Received: 12/27/18 09:25

Comments: Col 2 Probe # 10315 Start 08:55 12/16/18

Analyzed: 01/04/19 04:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.42	2.56		0.0453



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ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8122701-05

Sampled: 12/23/18 10:18

Pressure @ Receipt: 5.00" Hg

Canister #: SAT171

Received: 12/27/18 09:25

Comments: Probe # 10293 Start 10:31 12/22/18

Analyzed: 01/04/19 07:34

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.199	0.36		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8122701-06

Sampled: 12/23/18 09:46

Pressure @ Receipt: 5.50" Hg

Canister #: 5015

Received: 12/27/18 09:25

Comments: Probe # 10294 Start 09:59 12/22/18

Analyzed: 01/04/19 08:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8122701-07

Sampled: 12/23/18 09:17

Pressure @ Receipt: 3.00" Hg

Canister #: SAT143

Received: 12/27/18 09:25

Comments: Probe # 10312 Start 09:45 12/22/18

Analyzed: 01/04/19 09:34

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.244	0.44		0.0453

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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8122701-08

Sampled: 12/23/18 10:27

Pressure @ Receipt: 4.0" Hg

Canister #: 18877

Received: 12/27/18 09:25

Comments: Probe # 10310 Start 10:46 12/22/18

Analyzed: 01/04/19 14:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.130	0.24		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 8122701-09

Sampled: 12/23/18 09:27

Pressure @ Receipt: 4.00" Hg

Canister #: 5146

Received: 12/27/18 09:25

Comments: Probe #10313 Start 09:02 12/22/18

Analyzed: 01/04/19 15:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.543	0.98		0.0453

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 8122801-01

Sampled: 12/27/18 11:00

Pressure @ Receipt: 4.00" Hg

Canister #: AZ41

Received: 12/28/18 10:34

Comments: Probe # 10293 Start 11:13 12/26/18

Analyzed: 01/04/19 16:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.275	0.50		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 8122801-02

Sampled: 12/27/18 10:52

Pressure @ Receipt: 5.00" Hg

Canister #: SAT010

Received: 12/28/18 10:34

Comments: Probe #10076 Start 10:58 12/26/18

Analyzed: 01/04/19 17:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.313	0.57		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 8122801-03

Sampled: 12/27/18 10:22

Pressure @ Receipt: 3.50" Hg

Canister #: 19287

Received: 12/28/18 10:34

Comments: Probe # 10312 Start 10:26 12/26/18

Analyzed: 01/04/19 18:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 8122801-04

Sampled: 12/27/18 10:16

Pressure @ Receipt: 3.50" Hg

Canister #: 19298

Received: 12/28/18 10:34

Comments: Probe #10311 Start 10:26 12/26/18

Analyzed: 01/04/19 19:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 8122801-05

Sampled: 12/27/18 11:07

Pressure @ Receipt: 3.50" Hg

Canister #: A21037

Received: 12/28/18 10:34

Comments: Probe # 10310 Start 11:24 12/26/18

Analyzed: 01/04/19 20:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.649	1.17		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 8122801-07

Sampled: 12/27/18 10:27

Pressure @ Receipt: 4.50" Hg

Canister #: 2243

Received: 12/28/18 10:34

Comments: Probe # 10294 Start 10:47 12/26/18

Analyzed: 01/04/19 22:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 8122801-08

Sampled: 12/27/18 10:07

Pressure @ Receipt: 1.6" Hg

Canister #: 5060

Received: 12/28/18 10:34

Comments: Col 1 Probe # 10313 Start 10:13 12/26/18

Analyzed: 01/04/19 23:39

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	5.99	10.80		0.0453



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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 8122801-09

Sampled: 12/27/18 10:07

Pressure @ Receipt: 4.00" Hg

Canister #: SAT063

Received: 12/28/18 10:34

Comments: Col 2 Probe #10315 Start 10:13 12/26/18

Analyzed: 01/05/19 00:39

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	5.82	10.50		0.0453



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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B8L2603 - Summa Canister Prep

Blank (B8L2603-BLK1)

Prepared: 12/18/18 Analyzed: 12/26/18

Ethylene oxide	ND	ppbv				U
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Duplicate (B8L2603-DUP1)

Source: 8121220-08

Prepared: 12/11/18 Analyzed: 12/27/18

Ethylene oxide	0.117	ppbv	0.15	24.0	25	
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Duplicate (B8L2603-DUP2)

Source: 8121220-09

Prepared: 12/11/18 Analyzed: 12/27/18

Ethylene oxide	0.211	ppbv	0.22	5.54	25	
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Duplicate (B8L2603-DUP3)

Source: 8121130-01

Prepared: 12/07/18 Analyzed: 12/27/18

Ethylene oxide	6.36	ppbv	6.48	1.89	25	
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Duplicate (B8L2603-DUP4)

Source: 8121130-02

Prepared: 12/07/18 Analyzed: 12/27/18

Ethylene oxide	6.20	ppbv	5.81	6.38	25	
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Batch B8L2704 - Summa Canister Prep

Blank (B8L2704-BLK1)

Prepared: 12/18/18 Analyzed: 12/27/18

Ethylene oxide	ND	ppbv				U
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Duplicate (B8L2704-DUP1)

Source: 8121130-12

Prepared: 12/08/18 Analyzed: 12/28/18

Ethylene oxide	0.413	ppbv	0.41	1.22	25	
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Duplicate (B8L2704-DUP2)

Source: 8121130-13

Prepared: 12/08/18 Analyzed: 12/28/18

Ethylene oxide	0.465	ppbv	0.46	2.24	25	
----------------	-------	------	------	------	----	--

Batch B8L2804 - Summa Canister Prep

Blank (B8L2804-BLK1)

Prepared: 12/18/18 Analyzed: 12/28/18

Ethylene oxide	ND	ppbv				U
----------------	----	------	--	--	--	---

Duplicate (B8L2804-DUP1)

Source: 8121821-03

Prepared: 12/14/18 Analyzed: 12/28/18

Ethylene oxide	1.05	ppbv	1.13	7.17	25	
----------------	------	------	------	------	----	--

Duplicate (B8L2804-DUP2)

Source: 8121821-04

Prepared: 12/14/18 Analyzed: 12/28/18

Ethylene oxide	1.13	ppbv	1.18	4.72	25	
----------------	------	------	------	------	----	--

Batch B9A0204 - Summa Canister Prep

Blank (B9A0204-BLK1)

Prepared: 12/18/18 Analyzed: 01/02/19

Ethylene oxide	ND	ppbv				U
----------------	----	------	--	--	--	---

Duplicate (B9A0204-DUP1)

Source: 8121821-10

Prepared: 12/17/18 Analyzed: 01/03/19

Ethylene oxide	1.15	ppbv	1.17	1.17	25	
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Duplicate (B9A0204-DUP2)

Source: 8121821-17

Prepared: 12/17/18 Analyzed: 01/03/19

Ethylene oxide	1.07	ppbv	1.21	11.9	25	
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Batch B9A0306 - Summa Canister Prep

Blank (B9A0306-BLK1)

Prepared: 12/28/18 Analyzed: 01/03/19

Ethylene oxide	ND	ppbv				U
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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B9A0306 - Summa Canister Prep

Duplicate (B9A0306-DUP1) Source: 8122101-07 Prepared: 12/20/18 Analyzed: 01/03/19

Ethylene oxide	0.249	ppbv	0.29	14.5	25
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Duplicate (B9A0306-DUP2) Source: 8122101-01 Prepared: 12/20/18 Analyzed: 01/03/19

Ethylene oxide	0.215	ppbv	0.19	13.8	25
----------------	-------	------	------	------	----

Duplicate (B9A0306-DUP3) Source: 8122701-03 Prepared: 12/23/18 Analyzed: 01/04/19

Ethylene oxide	1.69	ppbv	1.71	0.824	25
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Duplicate (B9A0306-DUP4) Source: 8122701-04 Prepared: 12/23/18 Analyzed: 01/04/19

Ethylene oxide	1.56	ppbv	1.42	9.48	25
----------------	------	------	------	------	----

Batch B9A0404 - Summa Canister Prep

Blank (B9A0404-BLK1) Prepared: 12/28/18 Analyzed: 01/04/19

Ethylene oxide	ND	ppbv			U
----------------	----	------	--	--	---

Duplicate (B9A0404-DUP1) Source: 8122801-08 Prepared: 12/27/18 Analyzed: 01/05/19

Ethylene oxide	6.10	ppbv	5.99	1.87	25
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Duplicate (B9A0404-DUP2) Source: 8122801-09 Prepared: 12/27/18 Analyzed: 01/05/19

Ethylene oxide	6.10	ppbv	5.82	4.69	25
----------------	------	------	------	------	----

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REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 1812046

Calibration Check (1812046-CCV1)

Prepared & Analyzed: 12/21/18

Ethylene oxide	2.10	ppbv	-16.1	30.00
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Sequence 1812052

Calibration Check (1812052-CCV1)

Prepared & Analyzed: 12/26/18

Ethylene oxide	2.01	ppbv	-19.4	30.00
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Sequence 1812056

Calibration Check (1812056-CCV1)

Prepared & Analyzed: 12/27/18

Ethylene oxide	1.82	ppbv	-27.1	30.00
----------------	------	------	-------	-------

Sequence 1812063

Calibration Check (1812063-CCV1)

Prepared & Analyzed: 12/28/18

Ethylene oxide	1.79	ppbv	-28.3	30.00
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Sequence 1901005

Calibration Check (1901005-CCV1)

Prepared & Analyzed: 01/02/19

Ethylene oxide	1.84	ppbv	-26.5	30.00
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Sequence 1901008

Calibration Check (1901008-CCV1)

Prepared & Analyzed: 01/03/19

Ethylene oxide	1.93	ppbv	-22.7	30.00
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Sequence 1901013

Calibration Check (1901013-CCV1)

Prepared & Analyzed: 01/04/19

Ethylene oxide	1.99	ppbv	-20.2	30.00
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FILE #: 0344.00

REPORTED: 01/09/19 14:49

SUBMITTED: 12/11/18 to 12/28/18

AQS SITE CODE:

SITE CODE: EtO Region 5

Notes and Definitions

U	Under Detection Limit
ND	Analyte NOT DETECTED
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference
A-01	Trip Blank passed blank criteria; standard dilution system air used to fill trip blank appears to have small amount of TO-15 standard carryover

Note: The test results meet all requirements of NELAC; however the following analytes are not accredited: 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-butadiene, acetylene, acrolein, bromochloromethane, bromodichloromethane, bromoform, carbon disulfide, dibromochloromethane, dichlorodifluoromethane, dichlorotetrafluoroethane, ethyl acrylate, ethyl tert butyl ether, ethylene oxide, hexachloro-1,3-butadiene, octane, propylene, tert amyl methyl ether, tetrachloroethylene, tran-1,2-dichloroethylene, trchlorofluoromethane, and trichlorotrfluoroethane.